

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059937.D
 Acq On : 31 Aug 2018 15:53
 Operator : JC/SY
 Sample : J4282-15RE
 Misc : 4.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-082918-ARE

Quant Time: Sep 01 03:45:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1031405	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1467725	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1012989	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	371798	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	425474	48.94	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	6.29	113	491540	42.72	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	85.44%	
50) Toluene-d8	9.43	98	1144349	35.83	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	71.66%	
62) 4-Bromofluorobenzene	12.41	95	362049	27.91	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	55.82%	

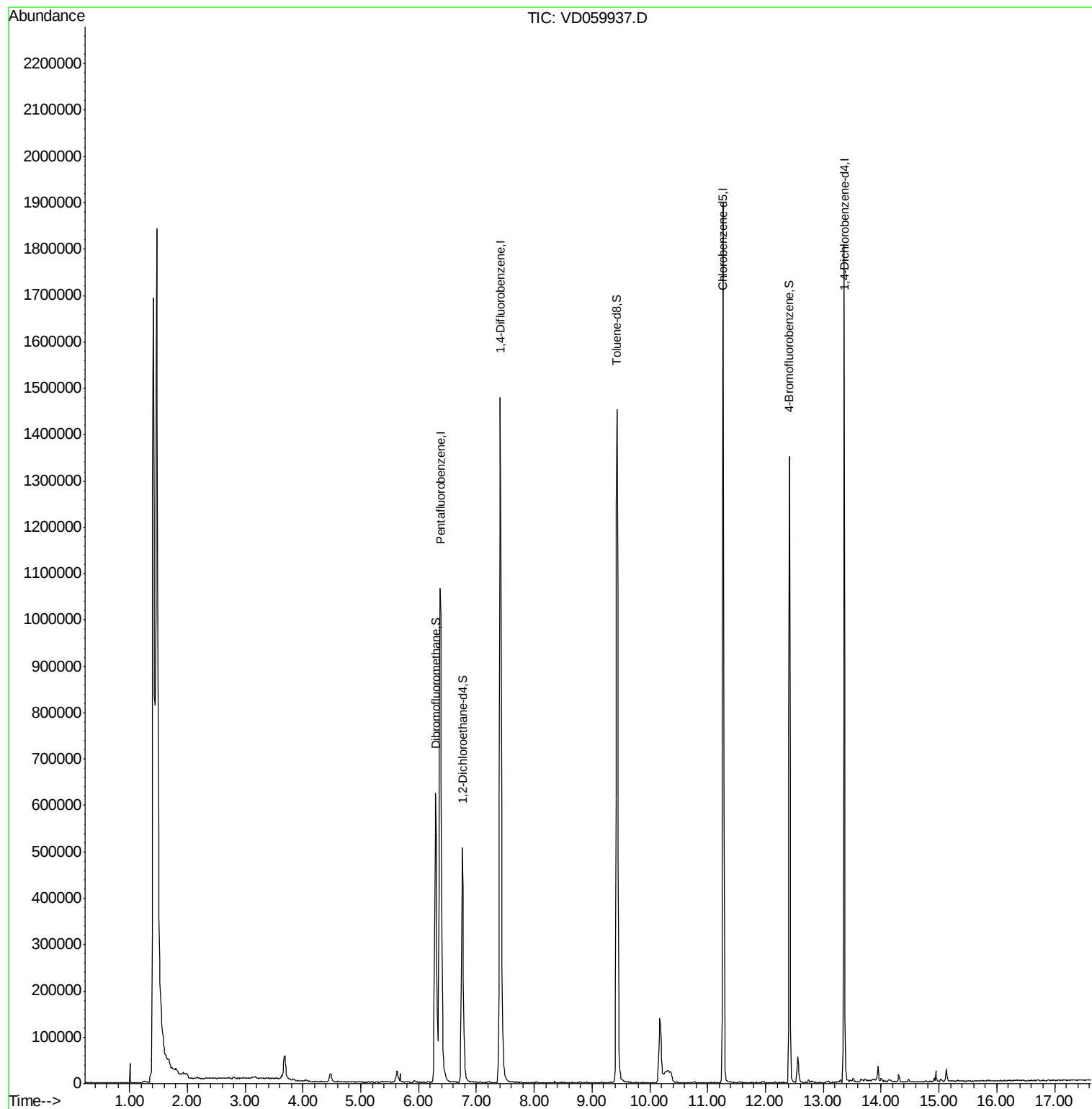
Target Compounds	Qvalue

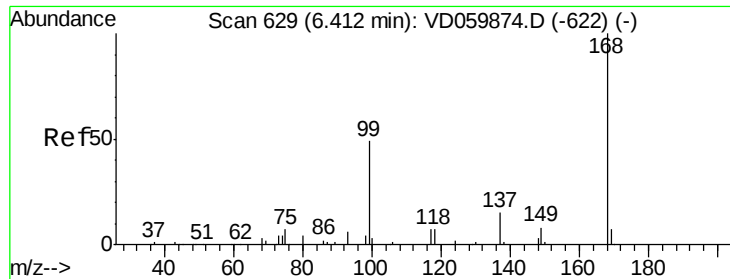
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD083118\
Data File : VD059937.D
Acq On : 31 Aug 2018 15:53
Operator : JC/SY
Sample : J4282-15RE
Misc : 4.60µl/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Quant Time: Sep 01 03:45:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration



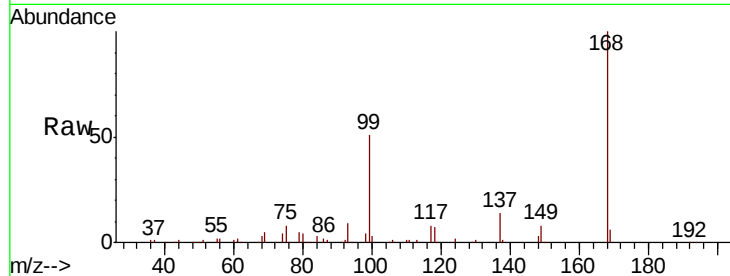


#1

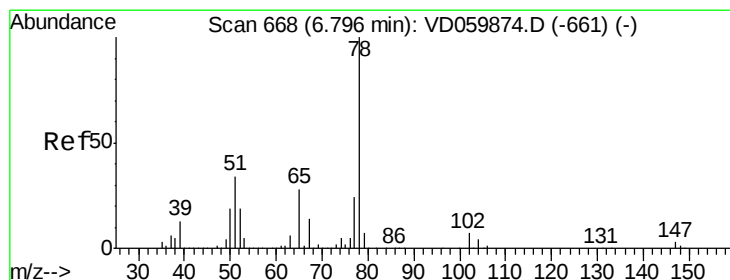
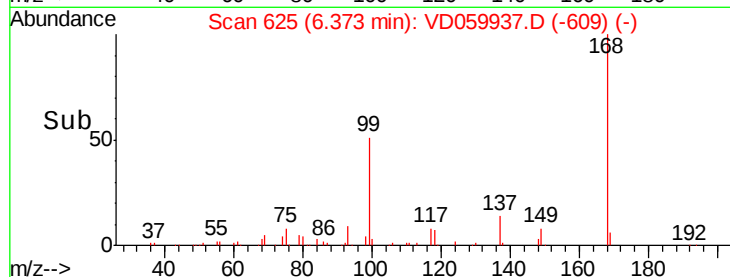
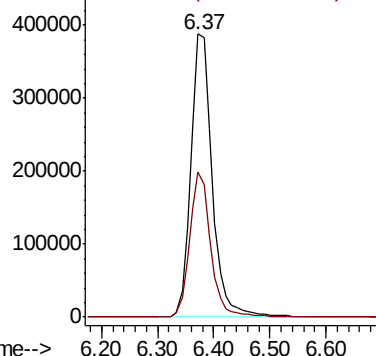
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.37 min Scan# 625
 Delta R.T. -0.04 min
 Lab File: VD059937.D
 Acq: 31 Aug 2018 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-082918-ARE

Tot Ion:168 Resp: 1031405
 Ion Ratio Lower Upper
 168 100
 99 51.5 42.2 63.2



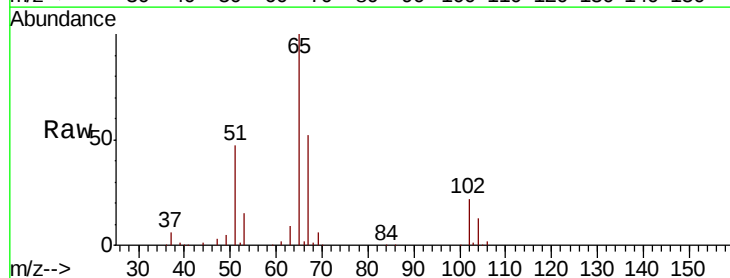
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



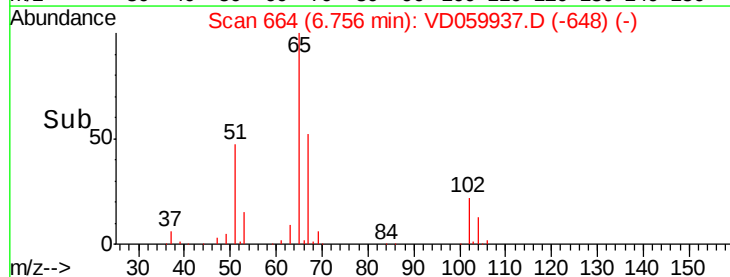
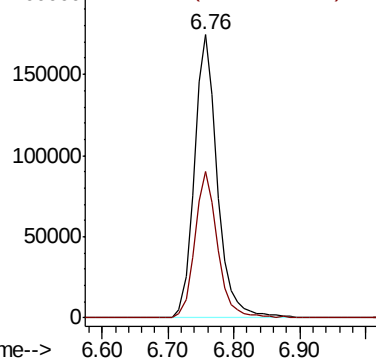
#33

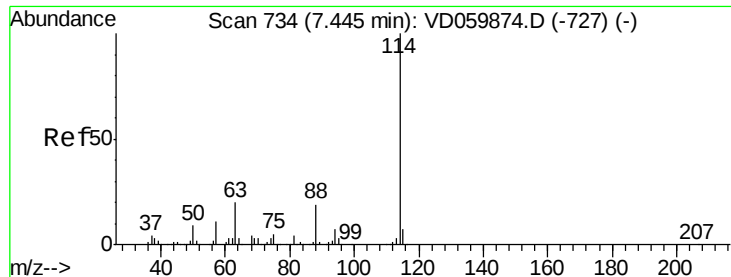
1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059937.D
 Acq: 31 Aug 2018 15:53

Tgt Ion: 65 Resp: 425474
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.42 min Scan# 731

Delta R.T. -0.03 min

Lab File: VD059937.D

Acq: 31 Aug 2018 15:53

Instrument :

MSVOA_D

ClientSampleId :

SU-01-082918-ARE

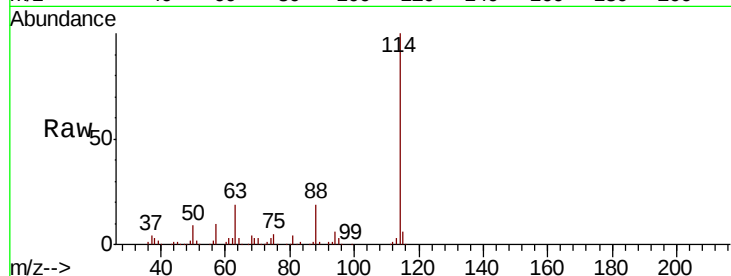
Tot Ion:114 Resp: 1467725

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.4

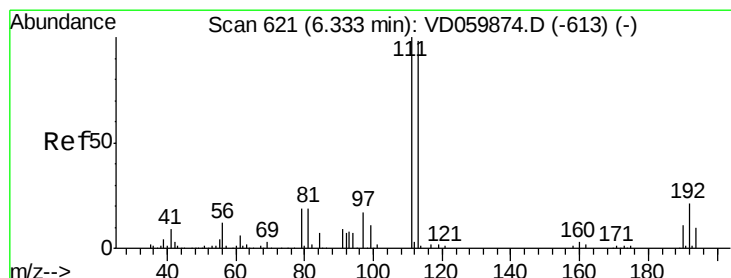
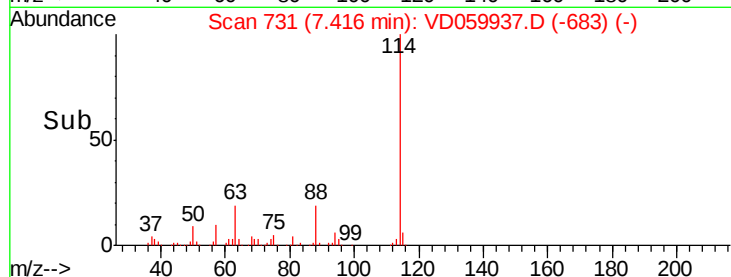
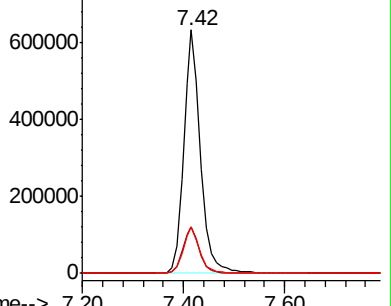
88 19.0 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.29 min Scan# 617

Delta R.T. -0.04 min

Lab File: VD059937.D

Acq: 31 Aug 2018 15:53

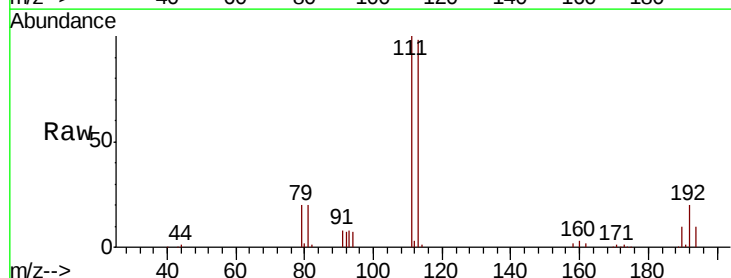
Tgt Ion:113 Resp: 491540

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

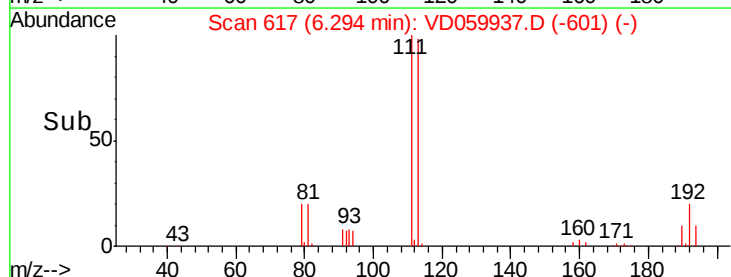
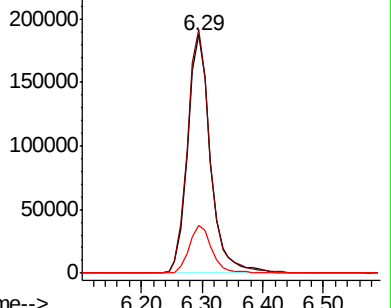
192 20.2 17.0 25.6

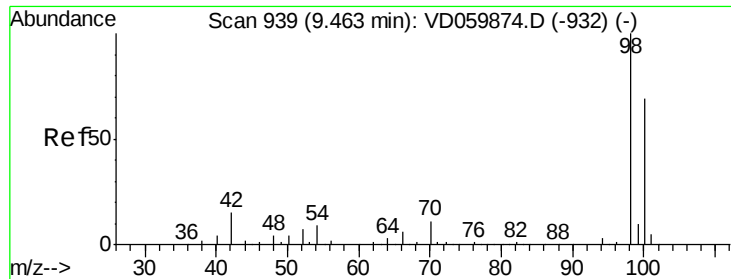


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

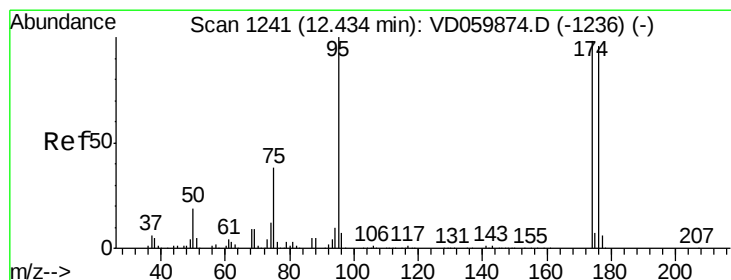
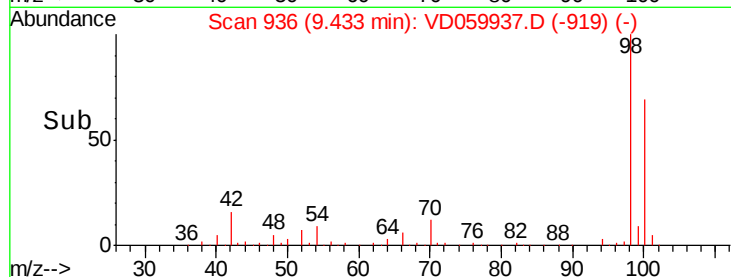
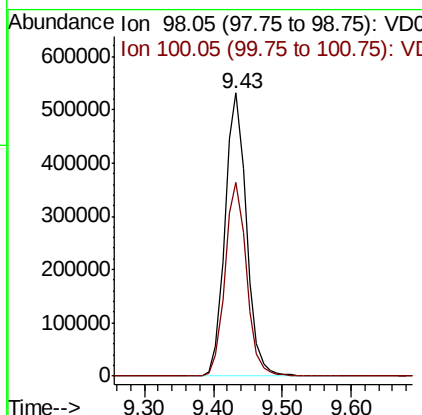
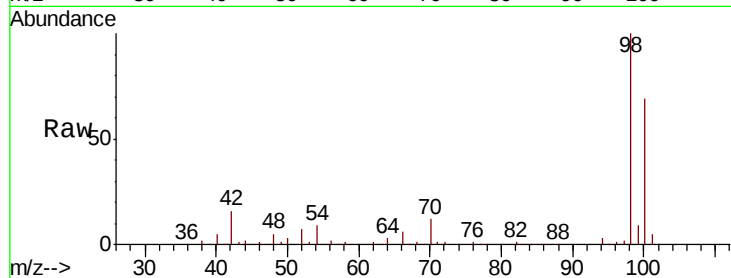




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 936
Delta R.T. -0.03 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

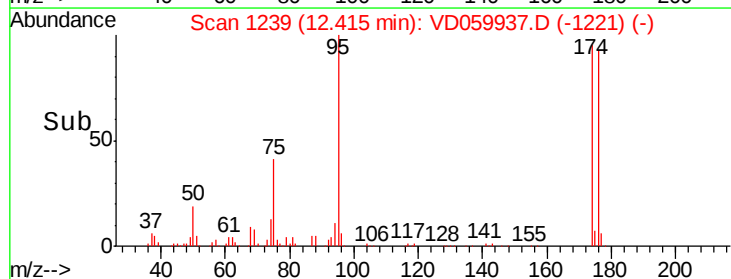
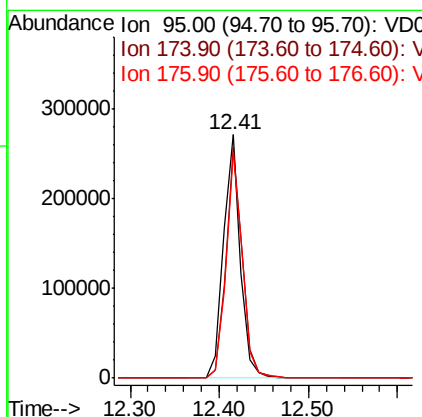
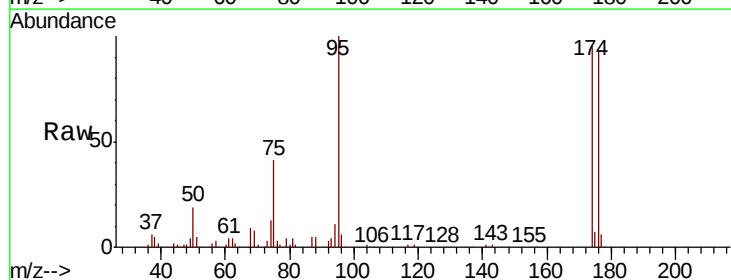
Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

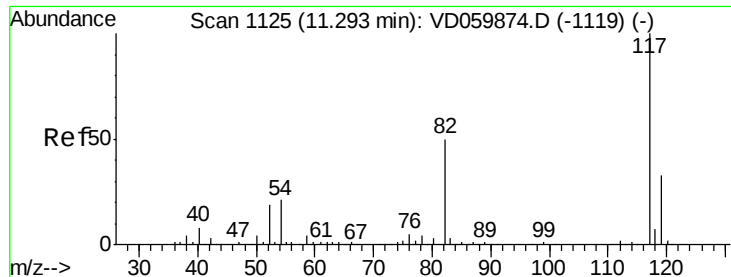
Tot Ion: 98 Resp: 1144349
Ion Ratio Lower Upper
98 100
100 68.6 55.8 83.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion: 95 Resp: 362049
Ion Ratio Lower Upper
95 100
174 94.9 0.0 195.6
176 92.7 0.0 191.2

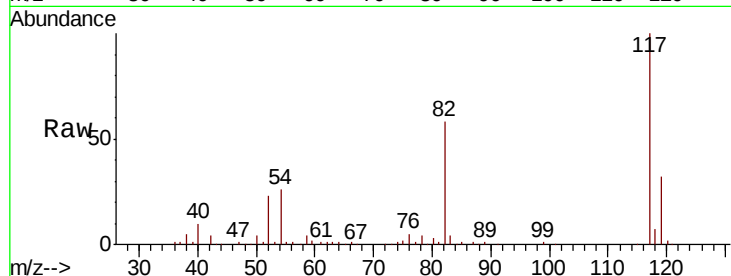




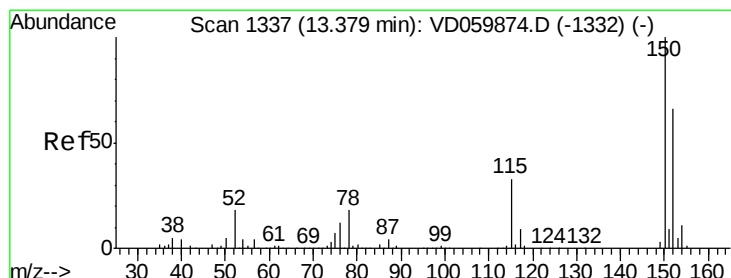
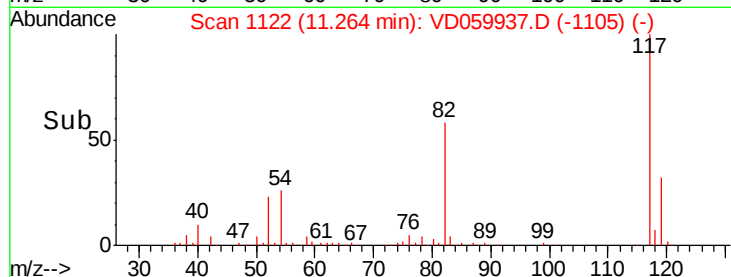
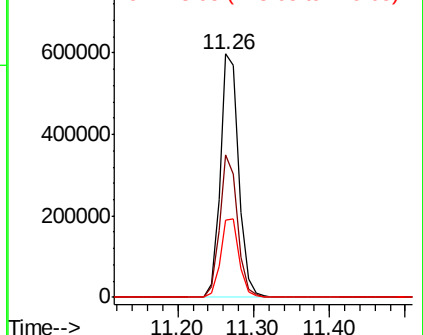
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.26 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-ARE

Tot Ion:117 Resp: 1012989
Ion Ratio Lower Upper
117 100
82 58.4 40.1 60.1
119 32.0 26.7 40.1

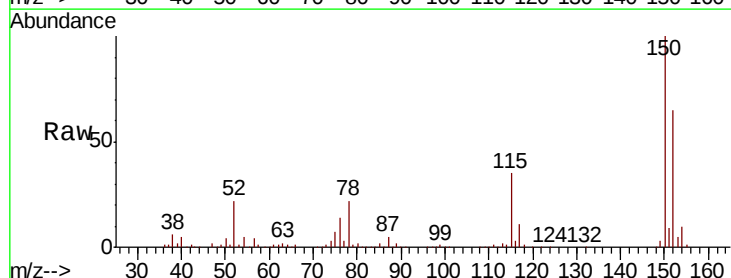


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.02 min
Lab File: VD059937.D
Acq: 31 Aug 2018 15:53

Tgt Ion:152 Resp: 371798
Ion Ratio Lower Upper
152 100
115 53.3 25.7 77.0
150 154.1 0.0 310.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

